

19980811.qrp v01_n180.qrs.980811

Date: Tue, 11 Aug 1998 19:04:28 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1180

QRP-L Digest 1180

Topics covered in this issue include:

- 1) [17283] Re: Y2K Review
by "John J. McDonough" <jjmcd@tm.net>
- 2) [17284] JULY 1998 QRP Quarterly
by George Gingell <k3tks@u1.abs.net>
- 3) [17285] Re: Jamming on Arnie's Show Last Night?
by "DJ Rock" <b2bn@hotmail.com>
- 4) [17286] RE: Crystal Oscillators Easy Way
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 5) [17287] FL QSO Party - some interesting results
by wd3p@juno.com (Larry Cahoon)
- 6) [17288] Re: ZM2 Kit
by "Laurent C. Lafond" <aa1qj@ids.net>
- 7) [17289] Re: Y2K Review
by Rich Mulvey <mulveyr@mulveyr.roc.servtech.com>
- 8) [17290] FS:SST-20 (assembled)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 9) [17291] Flavor Radio Chip
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 10) [17292] Re: elmer101:more sw40 problems
by Roger Braker <msebrakr@telepath.com>
- 11) [17293] KK2X Working N8EAG and CT98ETT - Two Members of QRP-L
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 12) [17294] ScQRPion LED SWR Kit - A Few Still Available
by Brian Kassel <bkassel@dancris.com>
- 13) [17295] Re: Y2K Review
by w4bws@juno.com (Donald E Sanders)
- 14) [17296] Re: ZM2 Kit
by "Marshall Emm" <mgemm@mtechnologies.com>
- 15) [17297] Help needed, MI UP area
by "Marshall Emm" <mgemm@mtechnologies.com>
- 16) [17298] Elmer 101 Tails
by Bob Lewis <nitehawk@crl.com>
- 17) [17299] Re: A (sort of QRP) question for FISTS members
by "George T. Baker (W5YR)" <w5yr@swbell.net>
- 18) [17300] AZ SQRPion LED SWR Kit
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 19) [17301] ham need upload

- by RangerSF5@aol.com
- 20) [17302] Re: Y2K Review
by "George T. Baker (W5YR)" <w5yr@swbell.net>
- 21) [17303] COAX FIELD REPAIR
by ARDUJENSKI@aol.com
- 22) [17304] Re: A (sort of QRP) question for FISTS members
by "George T. Baker" <w5yr@swbell.net>
- 23) [17305] Re: Measuring transistor hFE
by Leon Heller <leon@lfheller.demon.co.uk>
- 24) [17306] Nice QSL Surprise
by Joe Gervais <vole@primenet.com>
- 25) [17307] WTB: QRP++ upgrade boards
by Anders =?iso-8859-1?Q?W=E4ndahl?= <aw@lib.kth.se>
- 26) [17308] RE: WTB: QRP++ upgrade boards
by n2tpa@juno.com (Bill d Lazure)
- 27) [17309] The RAC counter/dial is sold
by nilsbull@juno.com (Nils R Young)
- 28) [17310] SW-40 transformers/ parts replacement
by Bensondj@aol.com
- 29) [17311] lcd display and keyboard
by "rrhensel" <rrhensel@sprintmail.com>
- 30) [17312] RE: Y2K Review
by cy r currier <crc3@telplus.net>
- 31) [17313] Huntsville Hamfest - QRP'ers
by "Bryan Turner" <turnerw@email.uah.edu>
- 32) [17314] CallBook?
by nhoop@centuryinter.net (Nat H)
- 33) [17315] my first contact with the Sierra
by Scott Howell <whowell@hq.nasa.gov>
- 34) [17316] RE: CallBook?
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 35) [17317] C02KK'S DXer's Unlimited
by n4so@juno.com (charles k brown)
- 36) [17318] Elmer sprint info- tomorrow
by Michael Maiorana <mikemo@ibm.net>
- 37) [17319] 10m Xtals...?
by KB0VCC/1 <kb0vcc@rocketmail.com>
- 38) [17320] DXing on the Argo 509
by Nick Franco <kf2ph@bnl.gov>
- 39) [17321] unsubscribe
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
- 40) [17322] QRP Freq(s) on 30 Meters ?
by Tony Martin <w4foa@voy.net>
- 41) [17323] Re: [17241] Simple Request [long]
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 42) [17324] Re: Measuring transistor hFE
by "George T. Baker" <w5yr@swbell.net>
- 43) [17325] Update -- 2M Question

by "Roger Asbury" <rlasbury@gvea.com>
44) [17326]
by "CRAIG A REYNOLDS" <KF4AXT@prodigy.net>
45) [17327] Re: [Alinco] DJ-S41T out of band mods
by RangerSF5@aol.com
46) [17328]
by "CRAIG A REYNOLDS" <KF4AXT@prodigy.net>
47) [17329] Re: A (sort of QRP) question for FISTS members
by Leigh Hawkes <lhawkes@navnet.net>
48) [17330] European component descriptors
by Mel Evans <MelEvansGM6JAG@compuserve.com>
49) [17331] KC1 schematic
by "Jeff M. Gold" <JGold@tntech.edu>
50) [17332] Re: KC1 schematic
by Roger Hightower <n7kt@earthlink.net>
51) [17333] Re: A (sort of QRP) question for FISTS members
by DENNISMO@aol.com
52) [17334] Fcc nprm
by ac5ez@webtv.net (Larry B)
53) [17335] Re: A (sort of QRP) question for FISTS members
by "Ronald Hands" <rhands@hwcen.org>
54) [17336] Vacation Time
by Axel Darling <axel@lasercom.net>
55) [17337] HB: Speech procesor
by Steven Weber <kd1jv@moose.ncia.net>
56) [17338] DX QRP
by w4bws@juno.com (Donald E Sanders)
57) [17339] fcc
by ac5ez@webtv.net (Larry B)
58) [17340]
by "CRAIG A REYNOLDS" <KF4AXT@prodigy.net>
59) [17341]
by "CRAIG A REYNOLDS" <KF4AXT@prodigy.net>

Date: Mon, 10 Aug 1998 20:28:10 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <skousen@srv.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [17283] Re: Y2K Review
Message-ID: <199808102319.2462300@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Niel Skousen <skousen@srv.net>; owner-qrp-1@Lehigh.EDU
>
> >Please drop everything and fly out with complete documentation and

> >independent test results guaranteeing that all your:
> >
> >RESISTORS
> >
> >are Y2K compliant.

Y'know, Y2K problems do show up in odd places, but exactly how would one test a resistor for Y2K compliance?

72/73 de WB8RCR John
didileydadidah EN73

Date: Mon, 10 Aug 1998 19:32:14 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <grp-l@Lehigh.EDU>
Subject: [17284] JULY 1998 QRP Quarterly
Message-ID: <Pine.BSI.3.96.980810190110.4540A-1000000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Since I received a shipment via UPS this morning of Supply of the July 1998 issue of the QRP Quarterly Journal, I am assuming that all of the Current Subscribers issues have been mailed. I have not received my personal copy via USPS yet. So I would give at least another week to allow USPS to catch up before worrying.

If you experience a problem with a missing issue, you must first check with Dave Johnson, WA4NID <wa4nid@amsat.org> to verify your membership status and correct mailing information. If he determines that you should have received the current issue, he will forward your request to me and I will send you a copy right away via USPS Priority Mail.

If the problem is because you failed to renew in a timely manner, you will have the option of purchasing a Back Issue from me at \$ 5.00 plus \$ 3.00 postage. The July issue is 88 pages and will be sent via USPS Priority Mail. CA & DX Postage will be \$ 7 or \$ 9 for Global Priority Mail.

Damaged issues will be replaced at NO CHARGE. Contact me directly and be sure to INCLUDE YOUR CURRENT MAILING ADDRESS in your email.

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I currently have the following items for sale:

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Back issues of the QRP Quarterly Journal-

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1995 #2 (APR) #3 (JUL) #4 (OCT)

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1997 #1 (JAN) #3 (JUL) #4 (OCT)

Pre 1998 issues are \$ 4.00 each or two for \$ 7.00 plus postage.

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1998 #1 (JAN) 1998 #2 (APR) 1998 #3 (JUL)

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PLEASE INCLUDE YOUR MAILING INFORMATION and Optionally a Telephone Number with your e-mail requests for information or when placing an order. It helps me track the orders and speeds up the shipping process.

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

QRP A.R.C.I. Net Manager and Board of Director Member.

George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117

Date: Mon, 10 Aug 1998 16:43:37 PDT
From: "DJ Rock" <b2bn@hotmail.com>
To: qrp-l@Lehigh.EDU, w6toy@erols.com
Subject: [17285] Re: Jamming on Arnie's Show Last Night?
Message-ID: <19980810234337.1479.qmail@hotmail.com>
Content-Type: text/plain

I think that the funny signals were just a product of the geomagnetic storm that happened over the first part of the weekend. Also Radio Havanna might have QRPed to save scarce electricity, but I don't know how bad the situation is down there. Lot of Cuban Hams still active though, most on CW

KF4ZKN

tprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

>

>Along with many of you, I expect, I tuned to the 0130 UTC edition of Arnie

>Coro's DXers Unlimited show on Radio Havane last night. About three to five

>minutes into the show the S-meter "pegging" signal was covered up by a loud

>swishing noise -- no heterodyne that I could hear. I tried for about

>another five or so minutes before I gave up in disgust. I wonder if anyone

>else heard this. I was listening to the 6 MHz signal. I tried to find the

>9 MHz and the 13 MHz signals with no luck. I did tape a few minutes of the

>noise. QTH here is just outside Washington, DC, and seriously, with the RF

>gain full up on the Hammarlund HQ100 the signal does peg the S meter!
>
>73
>
>
>
>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 10 Aug 1998 20:05:23 -0300
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-1@Lehigh.EDU>
Subject: [17286] RE: Crystal Oscillators Easy Way
Message-ID: <01bdc4b3\$5a944b20\$07199e03@inforhc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Need a crystal oscillator for a homebrew project ?
There are lying around in many computer cards and
motherboards, in the form of oscillator modules !
You find them for many different frequencies, they run
on 5 volts, are stable, foolproof, easy to use and
generate a nice HUGE square wave output that you
turn into a sinewave if need be by just adding a tuned
circuit...
Here are some examples of their application in practice
32 mHz module, used to generate local oscillator for
a converter that changes the 50 mHz band to 18 megahertz...
Saved a lot of time by using the ex-computer module that
came from a deceased 286 machine.
By using the 32 mHz module " as is" feeding a double
balanced mixer with the nice square wave output, the
noise figure was quite nice... the diodes "liked" the
switching waveform more than a sinewave !!!
Other applications include a heterodyne type VFO, which
is on my little new 15 meter band QRP rig now under
construction... The VFO is kept at a low frequency, the
computer oscillator module provides 16 mHz to mix
with 5 mHz and VOILA !!! 21 mHz STABLE output !
There are many other applications for those low cost

easy to find modules which normally require just 5 volts,
a resistor and a capacitor. They all seem to have 4 terminals,
one for the + , one for the RF output, and two for ground.

Arnie
C02KK

P.S. Have seen them for many frequencies , from as low
as 2 mHz to as high as 50 mHz... BTW a 50.000 module
makes a handy signal generator for testing 6 meter radios !

Date: Tue, 11 Aug 1998 00:26:12 +0100
From: wd3p@juno.com (Larry Cahoon)
To: qrp-1@Lehigh.EDU
Subject: [17287] FL QSO Party - some interesting results
Message-ID: <19980811.002903.8966.8.wd3p@juno.com>

I check the web page today for the FL QSO party.

see: <http://home1.gte.net/wd4ahz/fcg/results.htm>

They have only posted the results for the out of state logs. You still
have to wait for the posting for those who operated from within the
state. By my count they got 60 logs from the US, 9 from Canada, and 3 DX.
Plus what they got from within the state of FL for which there is no
count posted.

Results:

Top two CW only stations were QRP - a very good showing!!!!

The number 2 and 5 station from the US were QRP!!!!

Of the top ten US stations - all modes - two are QRP, seven are low
power, and only one was high power. In defense of the non QRP stations
the points gave a multiplier of 2 for low power and 5 for QRP. But even
If I eliminate the power multiplier, the leading QRP would still be in
sixth place from within the US. A real good showing.

On the down side, they only got 6 QRP logs from out of state operators.

72/73 de Larry.....WD3P....MD

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 10 Aug 1998 20:55:16 -0400
From: "Laurent C. Lafond" <aa1qj@ids.net>
To: qrp-1@Lehigh.EDU
Subject: [17288] Re: ZM2 Kit
Message-ID: <35CF9674.3C00@ids.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang -

Want to thank all of those who responded to my query about drilling the holes. The response was overwhelming.

Also got some good construction tips.

Got to get out tomorrow and find some drill stuff. Have the electric drill, just gonna need the other stuff.

In case anyone wants to see some pix of the ZM2 under construction, including a good shot of the toroids, check this out -

<http://mtechnologies.com/cqc/gallery/zm2/zm2.htm>

Thanks again to the CQC, K0FRP and N1FN for the fine 'presentation'.

Thanks again.

72,

Laurent AA1QJ

Date: Mon, 10 Aug 1998 21:23:15 -0400 (EDT)
From: Rich Mulvey <mulveyr@mulveyr.roc.servtech.com>
To: "John J. McDonough" <jjmcd@tm.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [17289] Re: Y2K Review
Message-ID: <XFMail.980810212315.mulveyr@mulveyr.roc.servtech.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 11-Aug-98 John J. McDonough wrote:

>> From: Niel Skousen <skousen@srv.net>; owner-qrp-1@Lehigh.EDU

>>

>> >Please drop everything and fly out with complete documentation and

>> >independent test results guaranteeing that all your:

>> >

>> >RESISTORS

>> >

>> >are Y2K compliant.

>

> Y'know, Y2K problems do show up in odd places, but exactly how would one

> test a resistor for Y2K compliance?

>

Well, I suppose you would start out with a 2K resistor. Add a 1ohm resistor in series. Measure it. Then, if the resistance is 2001ohms, your resistor is Y2K compliant. If, however, the circuit is 1ohm, you need to complain to the manufacturer. :-)

- Rich

--

Rich Mulvey

My return address is my last name,

followed by my first initial, @mulveyr.roc.servtech.com

<http://mulveyr.roc.servtech.com>

Amateur Radio: aa2ys@wb2wxq.#wny.ny.usa

Date: Mon, 10 Aug 1998 21:47:46 -0400

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: //QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>

Subject: [17290] FS:SST-20 (assembled)

Message-ID: <199808102150_MC2-55B0-680@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: 7bit

Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

Gang:

Have decided to part with one of my SST-20's. It is an excellent rig, and the same one I used as a Bumblebee recently. No mods, the aluminium case is absolutely unmarked. Rig has successfully snagged several DX QSO's.

Cost is only \$88.00 which includes manual and shipping in the CONUS. If you have been wanting one of these tiny giants, here is your chance :-).

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Mon, 10 Aug 1998 22:06:59 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, sigcom@juno.com
Subject: [17291] Flavor Radio Chip
Message-ID: <35CFA743.C6695B8B@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Down in my junk box I found an old "ARCHER ELECTRONIC PARTS" AM RADIO IC. RS part no.276-1730 (RS270) (Still in the package too, wonder why I bought it?)

Anyway this chip's nomenclature is F 720DC 7424

No data sheet either but It may give you another place to point your search. I'm sure there have been quite a few variations on this theme over the last ten years or so.

>Radio Shack closing out their A.M. "Flavor Radio" for \$2.97(!).

>Opened it up expecting to find the usual (or maybe not anymore) 3 or 4
>transistors and an audio IC. Much to my surprise, there's just -one-
>I.C. and -no- other discrete semiconductors, wow.

>The I.C. is a TA7641BP, manufacturer unknown. I did a quick search on
>the 'net for it without success. I'll look some more, but does anyone
>here know where I can find some info on this chip?
>TIA.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRP-ARCI #8634 NJ-QRP #155 G-QRP #10055

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QRP RIGS: HW-7, HW-8, FT-301S

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Mon, 10 Aug 1998 21:19:40
From: Roger Braker <msebrakr@telepath.com>
To: leinwebe@mcmail.CIS.McMaster.CA
Cc: qrp-l@Lehigh.EDU
Subject: [17292] Re: elmer101:more sw40 problems
Message-ID: <3.0.5.16.19980810211940.0ae73940@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,
Let Me clarify a little bit. When the RX first started not working I replaced the NE602 with a new one because I had bad volteg readings on a few pins. This was fixed after the new 602 was inserted. BEFORE I replaced the chip, I think I played with the IF transformer a bit to see if it was misadjusted. When I tried to turn it back is when it broke. I said I heard BC stations: I can hear them ever so faintly in "normal" operation. If I jump from J1 pin 3, to U1, pin1, the volume increases dramatically. This is why I believe the transformer is bad. It appears to be the weak link. I have not yet installed the tuning pot so I can't tune around. BUT, if I insert a cap for C7, The BC station I mentioned dissapears and is replaced by either static or a continuous sidetone(heterodyne??) depending on the cap's value. I'm planning to email dave shortly. Thanks for the help.

73,
Arnold kd5ckh

At 06:26 PM 8/10/98 -0400, you wrote:

>In <3.0.5.16.19980810163424.3ab748ce@telepath.com>, Roger Braker wrote:

>>Hi Guys,

>>I think the problem is in the if transformer. If I bypass the transformer
>>to pin 1, then I here 7 meter BC loud and clear. All the voltages check
>>out OK on the NE602. I was trying to adjust the IF transformer AFTER the
>>RX broke and the Transformers core broke also. I think if I replace it
>>I'll have the problem licked. Can I replace it with any IF transformer?
>>If not how do I know what kind to use? Also, is it possible to make a
>>transformer from a ferrite core? THanks for all the help.

>

>Arnold,

> You could do some quick checks with an ohmmeter.

>Measure resistance between pin 1 and pin 2 on the SA612

>chip: should be a few ohms.

> With volume pot turned about half-way,

>the resistance across the ends of the pot should be

>zero. (That's from the top of the pot to ground)

>

>Don't know what you mean by "bypass the transformer to pin 1".

>You mean that you coupled the top of the RF gain pot to pin

>1 with a capacitor? I'd guess that'd give you some AM broadcast-
>band junk that'd tune around with the VF0.

>

>You could wind a T37-2 or T50-2 toroid to replace T1, but you'd
>have to add a trim capacitor to tune it to 7 Mhz. Kinda messy.

>I wouldn't replace T1 with just any 10.7MHz can...its gotta have
> the right turns ratio, and have the link winding, and have the
>tap (at the right spot) on the main winding.

>

>

>

Date: Mon, 10 Aug 1998 22:32:09 -0400

From: "Kevin F. Glynn" <kfglynn@prodigy.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Cc: "LIQRP" <liqrp@waterw.com>, "NJ-QRP" <njqrp@njqrp.org>

Subject: [17293] KK2X Working N8EAG and CT98ETT - Two Members of QRP-L

Message-ID: <199808110235.WAA42702@pimout4-int.prodigy.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Hi gang,

I was hanging out at Cannonball Park in Brooklyn over the weekend with Tony WW2W and Benny KC2DCJ. While working portable using KK2X/QRP (Brooklyn QRP Club) I worked N8EAG Archie on 40M CW and CT98ETT Roger on 20M SSB.

Someone must have called the NYPD on us yesterday. A scooter cop came right up to us asking us what was going on. I explained to him about the equipment, antenna, etc. Tony showed him a copy of the KK2X license that happened to be on the table. He turned off his scooter and hung out for a few minutes.

I wanted to show him what it was all about, and at that moment I tuned around and heard CT98ETT calling CQ DX around 14.192. Roger came back to me with a 58 report, and the police officer couldn't believe I was speaking to Portugal.

He got a kick out of it. He asked how we power the radios, and I pointed to the gel cell. As he got on his scooter he asked if we could contact his uncle in Italy. I said sure, only if he has a ham in the neighborhood.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Mon, 10 Aug 1998 19:48:08 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@Lehigh.EDU>
Subject: [17294] ScQRPion LED SWR Kit - A Few Still Available
Message-ID: <35CFB0E8.5D8B42FF@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

The ScQRPions still have a few of the above units available.
For description, pictures of installed units, and pricing:

<http://www.dancris.com/~bkassel/ledkit.htm#top>

We would like to thank all of the kind folks who have already ordered.

--
Brian Kassel W5VB0

ARCI # 3623
Phoenix AZ ScQRPions

Date: Mon, 10 Aug 1998 23:18:45 EDT
From: w4bws@juno.com (Donald E Sanders)
To: jjmcd@tm.net
Cc: qrp-1@Lehigh.EDU
Subject: [17295] Re: Y2K Review
Message-ID: <19980810.221846.4479.0.W4BWS@juno.com>

Resistors can only be tested when the correct polarity of the Y2K sector vector collectors are carefully observed and matched with the resistor polarity. Me, I'm stocking up on M&M's.

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 10 Aug 1998 22:09:51 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: "Laurent C. Lafond" <aa1qj@ids.net>, cqclist@mtechnologies.com, qrp-1@Lehigh.EDU
Subject: [17296] Re: ZM2 Kit
Message-ID: <199808110410.WAA14120@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>><http://mtechnologies.com/cqc/gallery/zm2/zm2.htm>

Thanks again to the CQC, K0FRP and N1FN for the fine
'presentation'.

<<

Our pleasure.

I've built a ZM-1 and recommend the ZM to anyone who needs a QRP tuner.

I'm working on getting all the review and reference type into onto a single page-- at the moment some is under CQC and some is under Morse Express at <http://www.MorseX.com/info.htm>.

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Mon, 10 Aug 1998 22:12:36 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU
Subject: [17297] Help needed, MI UP area
Message-ID: <199808110412.WAA14196@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Anyone in the vicinity of Sault Sainte Marie, MI?

I have a severely handicapped friend their who could use some help getting an antenna set up. Well, more than help-- he needs someone to do it for him, period. If you are in that area and would consider helping, please let me know and I'll put you in touch with him.

TIA

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>

(303)752-3382

--

Date: Mon, 10 Aug 1998 21:18:21 -0700
From: Bob Lewis <nitehawk@crl.com>
To: qrp-1@Lehigh.EDU
Subject: [17298] Elmer 101 Tails
Message-ID: <35CFC60D.77D6@crl.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Guys:

SW40 is alive and well but have noticed that I have a delay and a tail on my signal when keying... Any thoughts?

tnx
72...de...AC6VC Bob

Date: Mon, 10 Aug 1998 23:42:59 -0500
From: "George T. Baker (W5YR)" <w5yr@swbell.net>
To: DENNISMO@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [17299] Re: A (sort of QRP) question for FISTS members
Message-ID: <35CFCBD3.1303A79E@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I always use CW FISTS to let folks know that *I* am a FISTS member looking for a QSO with anyone else and will welcome a call from any other station, FISTS member or not.

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403 ICQ #16819496
AutoPOWER Systems, Fairview, TX (30 Mi. NE of Dallas) 10-X #11771

DENNISMO@aol.com wrote:

>
> Hi John -
>

> >You wrote.." CQ CQ FISTS...When I hear that, what exactly does the sender
> want?"<

Date: Mon, 10 Aug 1998 22:05:11 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [17300] AZ SQRPion LED SWR Kit
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Guys, you are missing the boat if you don't get this kit from the Az. =
guys. I bought two of them in Flagstaff at Ft. Tuthill, and I put one =
of them in a Pomona box with male and female bnc's. I built the 5 Watt =
version, and as Bob Hightower says on his web page, it is a tight fit, =
but it does work. This handy little accessory is not only useful to =
show you when you are at a minimum SWR setting when you use a tuner, it =
also has an absorptive bridge included. This means that your rig sees a =
50 ohm load, and there is no danger of zapping the finals with a high =
SWR. The best part is the price, \$10, postage paid, and it is easy to =
order. All that you have to do is send \$10 to Brian Kassel, (make =
checks out to Brian, NOT AZ. SQRPions). Here is the info:

Reasonably priced -=A0\$ 10.00 - includes shipping/handling!=20
To order, or if you need any additional information,=A0 send Brian,=A0 =
W5VB0,=A0=A0 EMAIL by clicking here.=20
Or, simply send a check or money order in the amount of \$ 10.00 per unit =
desired, payable to Brian Kassel,=20
and mail to:=20

Brian Kassel W5VB0=20
9200 West Hollywood Ave.=20
Peoria, AZ 85345-5529=20

Unit(s) will be shipped same day by USPS first class.

I really like my unit, and the best thing is that you can build it into =
a small enclosure and use it with all of your rigs. Simply attach it to =
the Antenna jack, then attach the antenna to the N7VE SWR Indicator. =
Your rig is protected at all times, and, you don't need to carry a meter =
with you. Leave that expensive meter at home. =20

I have no financial interest in the N7VE SWR Indicator, I am an AZ =
SQRPion (even though I live in California, I seem to spend a week every =
July in Flagstaff), and I was treated very, very well by all of the =

folks at the Ft. Tuthill hamfest, especially Bob and Bertie Hightower, =
who were wonderful hosts. All that aside, I highly recommend this kit.

Date: Tue, 11 Aug 1998 01:11:44 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [17301] ham need upload
Message-ID: <18b339a5.35cfd291@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang

As a lot of you know, In the last several days I uploaded a lot of files. I also asked several of you to let me know what page the antenna was on and not one reply.

Well, Pat, N10CJ is getting the files but not the page with info on the 20 meter antenna.

My file may be bad so can someone please send that page to

OLD_RADIOS@YAHOO.COM.

I tried three times and so far, no luck so give this guy that upload

Thanks

Bob

WA2HQQ

PS: 20M is still open and i'm getting DX on the ARK 20 with that shortened antenna

Date: Tue, 11 Aug 1998 00:13:48 -0500
From: "George T. Baker (W5YR)" <w5yr@swbell.net>
To: jjmcd@tm.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [17302] Re: Y2K Review
Message-ID: <35CFD30C.C53DDCF@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You measure it just before midnight on December 31, 1999 and again just after midnight. If the value is the same you have completed Step 1. Then you set it aside and wait until February 29, 2000 and repeat the measurement. If it is the same as before you can claim absolute Y2K compliance for that product.

Wonder what all the fuss is about?

BTW, in the absence of any quotes, we are talking about Y2K -compliant resistors!

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403 ICQ #16819496
AutoPOWER Systems, Fairview, TX (30 Mi. NE of Dallas)

Date: Tue, 11 Aug 1998 01:43:43 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@Lehigh.EDU
Subject: [17303] COAX FIELD REPAIR
Message-ID: <6ba6d891.35cfda10@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

A while back I asked the question about field repairs to coax. I since stumbled upon this article that might be of interest to some of you folks. I found it on KE3FL's site:
<http://www.qsl.net/ke3fl/txt/FIX-COAX.TXT>

Alan KB7MBI

Date: Tue, 11 Aug 1998 00:52:43 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17304] Re: A (sort of QRP) question for FISTS members
Message-ID: <35CFDC2B.B11290FF@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That is supposed to read "CQ FISTS" not "CW FISTS."

Just sign me as

Old Fumble Fingers

Date: Mon, 10 Aug 1998 19:59:09 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: KC5TJA <kc5tja@topaz.axisinternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17305] Re: Measuring transistor hFE
Message-ID: <cn9\$0VA9L0z1EwUE@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <Pine.LNX.3.96.980810101506.8819D-100000@topaz.axisinternet.com>, KC5TJA <kc5tja@topaz.axisinternet.com> writes
>On Mon, 10 Aug 1998, Leon Heller wrote:
>
>> Yes, 4.7K. I think this notation is an international standard, now,
>> apart from the US. 8-)
>
>The SI measurement system (my personal favorite) is also an international
>standard. But that doesn't prevent the US from ignoring it completely! :D
>
>Is there a web page with all the European notational styles on it? 4k7 is
>weird and foreign to me, but I think it's better, as it takes less space
>and gives the same amount of information. I'd like more information on
>it.

I don't think there is. An ISO standard probably exists, but I don't think that they are accessible via the web. The notation is quite easy:

3n3 = 3.3 nF = 3300 pF
0R33 = 0.3 ohms
47R = 47 ohms
etc.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850
DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Tue, 11 Aug 1998 00:06:14 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [17306] Nice QSL Surprise

Message-ID: <199808110706.AAA19060@usr08.primenet.com>

Howdy Folks,

(Sorry to all those I owe email - work just got REALLY ugly. Yet again. Finishing the QRPTTF logs as fast as I can....)

Wanted to share a little QRP fun with Those Who Understand. :-) Been a rough week, family's out of town, feeling blah. Left the office around 9pm, drove to the post office box to get the mail. Bills. Yech. And one large envelope from Willamette, WA. Hmmmm. Pop it open and out falls....

DX QSL CARDS! YIPEE! All unsolicited too! I'd sent some \$\$\$ to my district DX QSL manager (the W7 office takes checks as well as SASEs), but figured I'd never see anything come of it. Happy to say I was wrong! Included in the "haul": JR7HAN/QRP (Japan), LU2YA (Argentina), SM4BNZ (Sweden), ZL1MH (New Zealand), BG6JW (China), EA5SM (Spain), and V63DA (Micronesia). Almost all of them 30m and 40m.

Nothing too exotic, but along with EA8YU/QRP's QSL (thanks again Goran!) it was enough to confirm QRP WAC for me. Whoopeeeee! Can't wait to send my QSLs in reply. Seeing those cards fall out was like reliving the rush of the QSO all over again. Man, this could get addicting. Lots of *nice* cards in there too! (I almost feel ashamed sending them one of my humble homebrew ones.)

I also found an added bonus that some may want to consider in the age-old "Add /QRP to your call or not" discussion. I always add /QRP to my call, if not in a pileup, then at least once I've established the contact. Well almost every DX QSL came with "AB7TT/QRP" printed on it. Cool! Good for show and tell at QRP talks, and looks darn nice up on the wall too. :-)

So if *any* of you are working DX, especially as these sunspots heat up, please consider having a supply of SASEs or \$\$\$ on file with your district DX office. It's cheap and easy (though a bit confusing at first), and when you least expect it

you'll get a nice little present in the mail. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Tue, 11 Aug 1998 10:14:00 +0200
From: Anders =?iso-8859-1?Q?W=E4ndahl?= <aw@lib.kth.se>
To: qrp-l@Lehigh.EDU
Subject: [17307] WTB: QRP++ upgrade boards
Message-ID: <3.0.32.19980811101359.0095e480@kthbib.lib.kth.se>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi...

I would like to buy the upgrade boards
(to QRP++) for my original QRP+ trcvr.

72's

Anders /SM0HPL aw@lib.kth.se

Date: Tue, 11 Aug 1998 04:20:31 -0400
From: n2tpa@juno.com (Bill d Lazure)
To: QRP-L@Lehigh.EDU
Subject: [17308] RE: WTB: QRP++ upgrade boards
Message-ID: <19980811.042033.7598.1.N2TPA@juno.com>

<I would like to buy the upgrade boards
(to QRP++) for my original QRP+ trcvr.

72's

Anders /SM0HPL aw@lib.kth.se>

Folks,

Is someone out there still offering the upgrade for sale?? At a hamfest this year, I was lucky enough to get a fair price on a Ten-Tec Triton. Listening to it beside the QRP+ revealed just how INsensitive the QRP+ is. Seems like there's a 15Db window in which received signals can fall that the QRP+ just won't hear.

I figured I was stuck with it and would use it mainly for contests. Face it, with KWatt signals every 20Hz up the bands, you don't need much sensitivity.

If upgrades are still available though, that's a whole new ballgame!!

Someone please answer this plea affirmatively!!!

Bill Lazure
N2TPA
Syracuse, NY

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 11 Aug 1998 05:31:11 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@Lehigh.EDU
Subject: [17309] The RAC counter/dial is sold
Message-ID: <19980811.053118.9446.1.nilsbull@juno.com>

Gang,

Once again -- and for the final time -- the subject line says it all.

The RAC counter/digital dial is sold.

73

Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 11 Aug 1998 06:37:24 EDT
From: Bensondj@aol.com
To: msebrakr@telepath.com, qrp-1@Lehigh.EDU
Subject: [17310] SW-40 transformers/ parts replacement
Message-ID: <d2285c8.35d01ee6@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Roger and gang-

>>From: Roger Braker <msebrakr@telepath.com>
>> To: qrp-1@Lehigh.EDU
>> Subject: [17272] Re: elmer101:more sw40 problems

>>I think the problem is in the if transformer. If I bypass the transformer to pin 1, then I here 7 meter BC loud and clear. All the voltages check out OK on the NE602. I was trying to adjust the IF transformer AFTER the RX broke and the Transformers core broke also. I think if I replace it I'll have the problem licked. Can I replace it with any IF transformer? If not how do I know what kind to use? Also, is it possible to make a transformer from a ferrite core? Thanks for all the help.<<

Yes, it's possible. However- a replacement is on its way in this morning's mail.

'And now a word from our sponsors':

I sold you the kit and I have an interest in seeing you complete it successfully. Parts do sometimes break during construction and checkout, and when that happens, you can simply e-mail me for speedy replacements. Mike and the other Elmers have done a fabulous job with both the theory and troubleshooting portions of the Elmer101 course, but I'll suggest that they shouldn't have to contend with parts problems.

You're probably wondering by now how to remove the transformer without damaging the board. Here's how: use a pair of vise grips or slip-joint pliers and grasp the transformer can *firmly* and begin rocking it. The transformer case *will* come off- the grounding tabs will shear. The 'guts'

of the transformer may then be crushed off using a needle-nose pliers and the pins may be heated and removed individually with the needle-nose pliers. This beats the heck out of trying to get all the joints clean enough to lift the transformer off the board cleanly. I've now done this a number of times without any damage to the board traces. [Please be sure to review the manual's instructions about desoldering parts before proceeding to clean up the PC-board pads.]

73, Dave Benson- NN1G

"Don't crush that dwarf- hand me the pliers"

Date: Tue, 11 Aug 1998 08:01:53 -0400
From: "rrhensel" <rrhensel@sprintmail.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [17311] lcd display and keyboard
Message-ID: <005f01bdc51f\$d5defa20\$0317e590@nos_rrhensel>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all;

I have a LCD display out of an old RS Model 100 and Keyboard
If any one has a use for them drop me a line
Price \$0.00 if you have a good use for them

Richard Hensel
SR. Engineer
SPRINT
rrhensel@sprintmail.com
N8WLC
When you have a hammer in your hand ...
The whole world looks like a nail.

Date: Tue, 11 Aug 1998 20:11:48 -0400
From: cy r currier <crc3@telplus.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "'jjmcd@tm.net'"

<jjmcd@tm.net>
Subject: [17312] RE: Y2K Review
Message-ID: <01BDC564.B1CF5B80@bgr101.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

with a meter that reads 2k or higher. a compliance meter is preferable to the straight linear one if u need an ac source such as reactance. u can plainly see by the use of bessel functions that a higher bw is needed. cy - k1tes

From: John J. McDonough
Sent: Monday, August 10, 1998 8:28 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Y2K Review

> >independent test results guaranteeing that all your:
> >
> >RESISTORS
> >
> >are Y2K compliant.

Y'know, Y2K problems do show up in odd places, but exactly how would one test a resistor for Y2K compliance?

72/73 de WB8RCR John
didileydadidah EN73

Date: Tue, 11 Aug 1998 08:04:38 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [17313] Huntsville Hamfest - QRP'ers
Message-ID: <199808111305.IAA10262@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I'd like to humbly suggest a meeting repeater for QRP'ers visiting the Huntsville, Alabama Hamfest. The 443.500 (110.9 PL) repeater has been upgraded, and has very good coverage. This repeater has a remote

base, including 10 and 6 FM. Talk in is on 146.940 (100 PL).

73 Bryan W8LN Athens, Alabama (See, a signature only needs one line!)

Date: Tue, 11 Aug 1998 13:31:53 GMT
From: nhoop@centuryinter.net (Nat H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [17314] CallBook?
Message-ID: <35d045f9.4929703@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WOW! My first contact, cw/qrp at that, in ten years! It was LB9FAS, and I don't have a callbook yet! Readability was terrible , partially because of my nervousness and partially because of severe QRM and QRN.

Can anyone e-mail me the address of LB9FAS (for QSL) and please recommend the callbook with the most calls. I dont care about label printing and such.

Thanks,

73/72 Nat KM5QU
Oxford AR

Date: Tue, 11 Aug 1998 09:52:14 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-1@Lehigh.EDU
Subject: [17315] my first contact with the Sierra
Message-ID: <3.0.5.32.19980811095214.007f8290@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, my first contact using my Sierra was successful. I made contact with N1SSH in NH about 01:08 or so utc. Can't recall cause the log book isn't here, but was on around 7.108mhz. Only ggot call cause everything was swallowed by qsb and qrm. However, calls were exchanged along with info that neither got, but what a thrill. Need to get this Sierra working correctly so I can filter out some of that junk.
What a real blast. Now to get some qsls so I can get one over to this gent.

I hope he wrote down all the info on his end. Would really like to find out what my rst was to him, but probably not much better than the 349 I gave him. WEll it was really bad in any case.
cul es 72/73 de n3byy

Date: Tue, 11 Aug 1998 09:25:49 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <nhoop@centuryinter.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [17316] RE: CallBook?
Message-ID: <19980811142548229.AAA252@muenzlerk>

Contrats!
Sorry, all my resources came back blank.

Here is a short list of servers that I use.

US callsign data updated daily directly from the FCC:
<http://www.ualr.edu/~hamradio/callsign.html>

Buckmaster's online data US/International
http://www.buck.com/cgi-bin/do_hamcall

CIS countries (EK, ER, EU, EX, EY, EZ, UK, UN, UR, RA, 4K, 4L)
<http://www.octavia.com/callbk.htm>

Pretty good QSL information searches, managers etc.
http://www.systemtechnik.tu-ilmenau.de/ham/qsldb_gate.html

QSL INFO SYSTEM by IK4LZH
<http://www-dx.deis.unibo.it/htlzh/>

QRZ callsign data
<http://www.qrz.com/directory.cgi>

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Nat H
> Sent: Tuesday, August 11, 1998 8:32 AM
> To: Low Power Amateur Radio Discussion
> Subject: CallBook?
>
>
> WOW! My first contact, cw/qrp at that, in ten years! It was

> LB9FAS, and I
> don't have a callbook yet! Readability was terrible ,
> partially because of
> my nervousness and partially because of severe QRM and QRN.
>
> Can anyone e-mail me the address of LB9FAS (for QSL) and
> please recommend
> the callbook with the most calls. I dont care about label printing and
> such.
>
> Thanks,
>
> 73/72 Nat KM5QU
> Oxford AR
>
>
>

Date: Tue, 11 Aug 1998 10:30:49 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [17317] C02KK'S DXer's Unlimited
Message-ID: <19980811.142636.5119.2.n4so@juno.com>

Radio Habana Cuba
Tuesday evenings local time (and Saturday)
0130z
6000 khz AM 9820 khz AM 13605 khz SSB

KEN BROWN N4SO
QRP-L #622/Near Mobile, AL EM50tk
n4so@juno.com

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 11 Aug 1998 10:34:07 -0400

From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [17318] Elmer sprint info- tomorrow
Message-ID: <35D0565F.A19CA37E@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is a reminder of the Elmer101 sprint. The date is tomorrow (Wednesday). Here is a repost of the info for those who missed it.

All QRP-L members are invited to come on and work the Elmer students, QRP of course. Only the elmer students are eligible to win. Students may only use the SW-XX rigs that they built in the class. Please come on the air and help the students "break in" their new rigs! The idea is for the non-students to try to find and work students, not other non-students ;-)

When: Thursday, August 13, 01:00 to 03:00 UTC
Wednesday, August 12, 9:00 pm to 11:00 pm EDT
Wednesday, August 12, 8:00 pm to 10:00 pm CDT
Wednesday, August 12, 7:00 pm to 9:00 pm MDT
Wednesday, August 12, 6:00 pm to 8:00 pm PDT

Where: 40 meters 7.040 Mhz Novice 7.115 Mhz
30 meters 10.116 Mhz
All freq.'s +/- QRM, Lets spread out a bit ;-)

Remember that each student will only be able to be on one frequency, 40 General, 40 novice or 30. So non-students please try all 3.

Students get one point for each QRP-L member contact, 5 points for each student contact. Students can call CQ CQ CQ elmer de
Exchange should be Call, name, state, qrp-1 number or power. Students should use the word "student" instead of their qrp-1 number so they can be identified.

The prizes are....
A new NORCAL paddle kit (wide space) and a Small Wonder Labs Frequency Mite.
The Heathkit 5 MHz O-scope is still being offered by me.

You must be an Elmer101 student to win. Those who bought the kit just because of the discount and did not participate in the class are not eligible. We know who you are ;-)

For the o-scope, ONLY ELMER101 STUDENTS WHO DON'T OWN AN O-SCOPE ARE

ELIGIBLE.

Students send me your logs directly at mikemo@ibm.net
Include in your log if you have no o-scope (want to be eligible for the scope).

Highest score of scope-less students wins the o-scope. Highest 2 overall scores win the paddle and freq mite. High score picks the one they want and #2 gets what's left. If you have the high score and don't have a scope you can choose what you want (the scope and the paddle probably have about the same value).

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"And if I have prophetic powers, and understand all mysteries
and all knowledge, and if I have all faith, so as to remove
mountains, but have not love, I am nothing"

Date: Tue, 11 Aug 1998 07:28:09 -0700 (PDT)
From: KB0VCC/1 <kb0vcc@rocketmail.com>
To: qrp-1@Lehigh.EDU
Subject: [17319] 10m Xtals...?
Message-ID: <19980811142809.17141.rocketmail@web1.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hey Gang,

As I mentioned before, I'd like to convert my NorCal
49'er to a 10-9'er (yuck, sounds like CB speak). So
far, so good, but I've been unable to locate a source
of xtals in the range I'm looking for. I'd like to
find something in the low end of 28 MHz, somewhere
below the beacons. What's the 10m QRP calling freq?
All set with other components, but this effort is a
no-go without the li'l quartz pacemaker. Any source
suggestions?

Thanks es 72/73,
-Dale

=====

Dale Anderson In the Mt Washington Valley
KB0VCC Conway, New Hampshire
QRP-L #91 / CQC #251 Grid Sq: FN43KX
ARS #234 / FISTS #3172 <http://www.qsl.net/kb0vcc>
=====

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 11 Aug 1998 11:02:53 -0400
From: Nick Franco <kf2ph@bnl.gov>
To: klqrp@waterw.com, qrp-1@Lehigh.EDU
Subject: [17320] DXing on the Argo 509
Message-ID: <35D05D1D.D5034334@bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My new (to me) Argonaut 509 is working out real well. Last night I
tuned up on 20m (what a place for qrp DXing among all that power :-).
I was surprised the band was open so late. I worked: I2, RN3, LA6 and
US2 over the course of about 1 hour while putting together a computer
stand with my son. Every few minutes or so I would take a quick DX
break and work another stn and then return to the project at hand. I
think I'm really going like this rig.

72,

Nick - kf2ph
QRP-L # 13 . .

--
Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Tue, 11 Aug 1998 11:39:03 -0400
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [17321] unsubscribe
Message-ID: <35D06597.3BE6@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Help! I've lost my instructions on how to unsubscribe, can some one help?

--

73 de
KI8CZ
Tom Isgro
OHIO

<http://www.qsl.net/ki8cz>

10-X #68364 SCI #1479 QRP-L #945 ARS #203 ARCI #9606
C.A.T.T #2115 FIST 2360 NORCAL ARRL

Date: Tue, 11 Aug 1998 11:44:44 -0400
From: Tony Martin <w4foa@voy.net>
To: qrp-l@Lehigh.EDU
Subject: [17322] QRP Freq(s) on 30 Meters ?
Message-ID: <35D066EC.F63@voy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Old QRP'er (QRP ARCI #374) getting back into QRP with a one tube

classic transmitter (Ameco AC-1). In addition to 80/40 I am going to put it on 30 meters. Would like to know the most active 30 Meter QRP frequencies, and best source for 30 M (FT-243 holder) crystals. Do any of the QRP clubs sell crystals cut primarily for QRP activities? While on subject of AC-1, could use a 6X5 tube if anyone has an extra for sale? Anyone else using one of these little jewels? Thanks for suggestions/replies. 72 de Tony, W4FOA, Chickamauga, GA

Date: Tue, 11 Aug 1998 09:28:14 -0700 (PDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: adams@chuck.dallas.sgi.com
Cc: qrp-l@Lehigh.EDU
Subject: [17323] Re: [17241] Simple Request [long]
Message-ID: <199808111628.JAA21833@netcom10.netcom.com>

Date: Mon, 10 Aug 1998 14:12:23 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)

This week the FCC will come out with some new stuff. Please do not start that thread on this group. 1. We, QRP-L, will not make much difference in the results. We are out numbered and out gunned politically. It's a fact Jack. 2. You can get all the information from a dozen other sources and get much more discussion than you'd get here and more varied opinions. 3. And it is not the function of QRP-L to solve all of the problems in the world. ;-)

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

I have to disagree here.
To answer your points:

1. If we are vocal to the FCC and the ARRL, we are enough of a group to be heard.
2. Information you can get, but if we came up with a united position, as a group we could be influential. Face it, apathy is the norm. A small active group can influence things.
3. But working towards a low-power and/or CW-only preserve is in the specific best interests of this group.

73, doug

Date: Tue, 11 Aug 1998 11:45:03 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: leon@lfheller.demon.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17324] Re: Measuring transistor hFE
Message-ID: <35D0750F.82DA6E9B@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Leon, someone here in the States started a web page with all the "standards" listed and compared. I can't remember who he was or the URL. Sound familiar to you?

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403 ICQ #16819496
AutoPOWER Systems, Fairview, TX (30 Mi. NE of Dallas) 10-X #11771

Leon Heller wrote:

>
> In message <Pine.LNX.3.96.980810101506.8819D-1000000@topaz.axisinternet.c
> om>, KC5TJA <kc5tja@topaz.axisinternet.com> writes
> >On Mon, 10 Aug 1998, Leon Heller wrote:
> >
> >> Yes, 4.7K. I think this notation is an international standard, now,
> >> apart from the US. 8-)
> >
> >The SI measurement system (my personal favorite) is also an international
> >standard. But that doesn't prevent the US from ignoring it completely! :D
> >
> >Is there a web page with all the European notational styles on it? 4k7 is
> >weird and foreign to me, but I think it's better, as it takes less space
> >and gives the same amount of information. I'd like more information on
> >it.
>
> I don't think there is. An ISO standard probably exists, but I don't
> think that they are accessible via the web. The notation is quite easy:
>
> 3n3 = 3.3 nF = 3300 pF
> 0R33 = 0.3 ohms
> 47R = 47 ohms
> etc.
>

> Leon
> --
> Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
> Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
> See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850
> DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

--

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403 ICQ #16819496
AutoPOWER Systems, Fairview, TX (30 Mi. NE of Dallas) 10-X #11771

Date: Tue, 11 Aug 1998 09:39:04 -0800
From: "Roger Asbury" <rlasbury@gvea.com>
To: "Listserv QRP" <qrp-l@Lehigh.EDU>
Subject: [17325] Update -- 2M Question
Message-ID: <000001bdc54e\$ef3d12c0\$3f01010a@cns-rlasbury.gvea.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hiya, just an update on my 2M QRP question from a
while back....

The radios (two Alinco DJ-S11's) arrived yesterday. They
quickly went together, and after buying some AA batteries
in bulk, were on the air just as soon.

Their 340mW was enough to hit the repeater 10 miles out of
town (twice as far as I had estimated earlier...oops..)
The sound is great, though the antenna is a bit flimsy. :P
That's something easily corrected, however. The difference of
being inside my house or outside was noticeable to the guy on
the other end (KL7HZ..??? bummer, it's written down at home...
and my memory isn't what it should be...) The case seems fairly
rugged and the controls are simple.

Thanks everyone who suggested this little radio, I think
I'll get a lot o' use out of 'em.

Rog.

=====
Roger Asbury === GVEA Web Coordinator

rlasbury@gvea.com === 458-5872

WL7NT

=====

Date: Mon, 11 Aug 1997 15:28:51 -0400
From: "CRAIG A REYNOLDS" <KF4AXT@prodigy.net>
To: <qrp-1@Lehigh.EDU>
Message-ID: <01bca68c\$cc9b66e0\$b5b648a6@craig-reynolds>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0065_01BCA66B.4589C6E0"

This is a multi-part message in MIME format.

-----_NextPart_000_0065_01BCA66B.4589C6E0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hey Fellas,
I was just wondering if any of you guys can help me outI am =
leaving for college in a week and I am looking for a already assembled =
qrp rig....with 20 meters....and I heard that maybe you guys could =
help.....? thanks=20
Luke

-----_NextPart_000_0065_01BCA66B.4589C6E0
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV>Hey Fellas,</DIV>
<DIV>I was just wondering if any of you =
guys can help=20
me outI am leaving for college in a week and I am looking for a =

already=20
assembled qrp rig....with 20 meters....and I heard that maybe you guys =
could=20
help.....? thanks </DIV>
<DIV>Luke</DIV></BODY></HTML>

-----=_NextPart_000_0065_01BCA66B.4589C6E0--

Date: Tue, 11 Aug 1998 15:30:37 EDT
From: RangerSF5@aol.com
To: georgez@quickturn.com, qrp-1@Lehigh.EDU
Subject: [17327] Re: [Alinco] DJ-S41T out of band mods
Message-ID: <83c56b36.35d09bdf@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

You did the right thing.
You cannot go any higher unless you retweak the VX0 and that is not recommended.
If the disply is flashing,the VX0 is out of range.
To the rest to you who want to do this expanded MOD,remove the *GREEN* resistor,actually *ZERO ohms*
Tweak up the VX0 untill the display starts flashing then back off.
This mod may also cause your rig to want to open the squelch from unwanted intermod.
I'd leave it where it's at
Bob
WA2HOQ

Date: Mon, 11 Aug 1997 15:47:26 -0400
From: "CRAIG A REYNOLDS" <KF4AXT@prodigy.net>
To: <qrp-1@Lehigh.EDU>
Message-ID: <01bca68f\$654228a0\$b5b648a6@craig-reynolds>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0082_01BCA66D.DE3088A0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0082_01BCA66D.DE3088A0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Ok fellas,
I also Have another option...I have in my possession 2 qrp rigs for trade =
hw-8 and an hw-7 both with power supplies..both these rigs transmit but =
wont recieve ...I dont have the time to fix them being I leave in a few =
days and will be needing a rig...so if anybody wants to trade for the 2 =
for maybe a something decent let me know...thanks again guys
Luke

-----=_NextPart_000_0082_01BCA66D.DE3088A0
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV>Ok fellas,</DIV>
<DIV>I also Have another option...I have =
in my=20
possession 2 qrp rigs for trade hw-8 and an hw-7 both with power =
supplies..both=20
these rigs transmit but wont recieve ...I dont have the time to fix them =
being I=20
leave in a few days and will be needing a rig...so if anybody wants to =
trade for=20
the 2 for maybe a something decent let me know...thanks again =
guys</DIV>
<DIV>Luke</DIV></BODY></HTML>

-----=_NextPart_000_0082_01BCA66D.DE3088A0--

Date: Tue, 11 Aug 1998 16:59:48 -0300
From: Leigh Hawkes <lhawkes@navnet.net>
To: qrp-1@Lehigh.EDU

Subject: [17329] Re: A (sort of QRP) question for FISTS members
Message-ID: <35D0A2B4.1171@navnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; name="FISTS.TXT"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="FISTS.TXT"

It has always been my understanding that a directional or specific CQ meant exactly that.

CQ CQ DX	=	Means you want a DX QSO
CQ CQ UT	=	Means you want a Utah station
CQ CQ FISTS	=	Means you want a FISTS station
CQ CQ AFRICA	=	Means you want an African QSO
CQ CQ CONTEST	=	Means you want a CONTEST QSO

In each case it means EXACTLY what it says. Except for extenuating circumstances no other replies are wanted. If it doesn't mean this, then what's the sense?

Since I am not a FISTS member, I do not answer CQ FISTS calls. Likewise, if I'm not in a contest, I don't answer CQ CONTEST calls. That's the way it is.

73,
Leigh - VE1GA

Date: Tue, 11 Aug 1998 16:36:54 -0400
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [17330] European component descriptors
Message-ID: <199808111637_MC2-55CB-6DED@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi guys 'n gals

Couple of posts asking about 4k7 as resistor values - - - - check the euramcom pages for some info =

on this and other euro data.

The pages are building steadily, but I will not be adding more till after=

3rd September. I'm wearing my =

Caravan (trailer caravan) hat for the next three weeks or so as
Communications Chief for the annual
National UK "Caravan Fest" here in Edinburgh, Scotland. Expecting 15.000
people here over four day
meeting, approximately 4,000 trailer caravans to marshall into site and
look after!

Incidentally, the digest was wonderful to-day, only three or four over
quoted posts and only one mime html =

posting. Keep up the good work.

I promise I'll cut my sigfile this week also!

72 and 73 de Mel
GM6JAG
Edinburgh, Scotland UK
Home of the last HW9

Area Chairman, British Caravanner's Club
Web Pages <<http://users.aol.com/bccscot/page1.html>>

Alternate e-mail address: <melgm6jag@aol.com>

Authorised at 11kv, 33kv, and up to 275kv

Check out < <http://users.aol.com/euramcom/welcome.html> >
for details of euro-american components equivalents!

Date: Tue, 11 Aug 1998 15:55:39 -0500
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@Lehigh.EDU>
Subject: [17331] KC1 schematic
Message-ID: <001c01bdc56a\$654d1e40\$4d0b9595@Jeffro.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Howdi,

anyone have a schematic of the KC1 (for the Norcal 40) that they can email me? Does the straight key require a stereo plug? having trouble with the straight key, the paddles and other features of the KC1 and Norcal 40 working fine.

72

Jeff, AC4HF

Date: Tue, 11 Aug 1998 14:09:11 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: JGold@tntech.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17332] Re: KC1 schematic
Message-ID: <35D05087.34218BC@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The KC1 requires a stereo jack, since it's designed for use with a paddle. There is no straight key function.

The NorCal 40A uses a key-to-ground system, so it can take a straight key or a two-conductor cable from an external keyer.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Tue, 11 Aug 1998 17:12:29 EDT
From: DENNISMO@aol.com
To: qrp-l@Lehigh.EDU
Subject: [17333] Re: A (sort of QRP) question for FISTS members
Message-ID: <8420b54d.35d0b3bf@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Leigh

I guess I shouldn't be speaking for all FISTS members or even for the FISTS CW Club but here is the way I see it. I believe that you are right in each case that you pointed out. The only minor exception is that a station calling CQ

CQ FISTS is calling another FISTS member OR anyone listening that is looking for a QSO. They are also saying that they are a FISTS member and any and all responses are welcome. In this case it has the same intention as CQ CQ de AD6EZ/QRP... Informing others they are a FISTS or QRP..or /MM , etc.. Heck, sometimes I'm both es one day I may be all three....! Anyway it is no big deal. If FISTS members live up to their well earned reputation, then you'd be as welcome as FISTS #1. One of FISTS' slogans is: "...When you've worked a FISTS you've worked a friend." Non of us have T00 many friends so jump right in and go for it. If you ever hear me call CQ CQ FISTS de AD6EZ.. pse come bk es ragchew a bit. Besides, I could use a V1 in my log, OM.... (;8^>)

cul es God Bless

72 de Denny AD6EZ <><
PROMISE KEEPER FISTS #4570 / QRP-L #1359 in Goleta, CA
<http://members.aol.com/dennismo>

Date: Tue, 11 Aug 1998 16:25:28 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [17334] Fcc nprm
Message-ID: <5221-35D0B6C8-3@mailtod-121.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

For those who are interested, the Fcc nprm is out.
Larry ac5ez
Tex

Date: Tue, 11 Aug 1998 16:41:02 -0400
From: "Ronald Hands" <rhands@hwcen.org>
To: <qrp-l@Lehigh.EDU>
Subject: [17335] Re: A (sort of QRP) question for FISTS members
Message-ID: <199808112146.RAA05630@hwcen.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Leigh Hawkes <lhawkes@navnet.net> wrote:

>

>

> Since I am not a FISTS member, I do not answer CQ FISTS
> calls.

That's exactly my understanding of how things should work.

If FISTS members want replies from non-FISTS members, wouldn't it make more sense to do what we do with QRP: that is, tack the FISTS ID on the end? When I call CQ CQ CQ de VE3SP VE3SP/QRP I think it's plain that *I'm* QRP and open to replies from anybody.

Ron VE3SP Hamilton, Ontario

Date: Tue, 11 Aug 1998 15:01:37 -0700
From: Axel Darling <axel@lasercom.net>
To: qrp-l@Lehigh.EDU
Subject: [17336] Vacation Time
Message-ID: <199808112146.0AA05612@intergate.lasercom.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey gang, where do I find info on suspending this list until my vacation is over?

Date: Tue, 11 Aug 1998 17:18:53
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [17337] HB: Speech procesor
Message-ID: <3.0.3.16.19980811171853.2f5f883a@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy,

Since I've been playing 20M SSB the last couple of weeks, I decided to try and build some kind of speech procesor, something the old FT301 lacks.

A quick look through the handbook for ideas, and decided the diode clipping

method would be the quickist and easiest thing to try.

Just finished building up a little board with a couple of dual op amps and some shotky diodes for the clipping. Went to Shotky diodes as it turns out the little Electro Voice RE85 dynamic mike I wanted to use has a really low output and would have taken a whole lot of gain to make it clip at 0.6V. The 0.2 for shotkys was much more reasonable.

Anyway, one op amp amplifies the mic in two stages, then the diode clipper, followed by an active low pass filter. Just to make it interesting, I used the last op amp section as a comparator to flash a LED when the clipping starts. Works pretty neat, you can tell when your just clipping a little or a whole lot.

Looks good on the O'scope and sounds good amplified and put through a speaker, so can't wait to go home and try it out.

First chance I get, I'll draw up the circuit in CirCad and import the pcb artwork, just in case anyone would like to whip one up. Right now it's on a board 1" x 3", though it could be made much smaller using a quad op amp and point to point wired on Vector (tm) board.

And if it really works good, I'll see about writing it up for QRPP. This could be just the ticket for adding a little punch to your qrp SSB rig!

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Tue, 11 Aug 1998 18:34:12 EDT
From: w4bws@juno.com (Donald E Sanders)
To: QRP-L@Lehigh.EDU
Subject: [17338] DX QRP
Message-ID: <19980811.173429.5031.0.W4BWS@juno.com>

Hi gang . It's 22:30 UTC and 20 is open for QRP. Just worked 2 way qrp with HP1AC, OK2PEX, F6DIZ ON 14.060 AND OZ5MJ ON 14.040.
Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 11 Aug 1998 17:48:54 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [17339] fcc
Message-ID: <5222-35D0CA56-234@mailtod-121.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

: NPRM Released (Restructure)
The FCC NPRM can be downloaded from the FCC Web site in Word Perfect 5.1
and Text versions as:
<http://www.fcc.gov/Bureaus/Wireless/Notices/1998/fcc98183.wp>
<http://www.fcc.gov/Bureaus/Wireless/Notices/1998/fcc98183.txt>
respectively.
Larry

Date: Mon, 11 Aug 1997 18:47:01 -0400
From: "CRAIG A REYNOLDS" <KF4AXT@prodigy.net>
To: <qrp-1@Lehigh.EDU>
Message-ID: <01bca6a8\$7b34b6a0\$b5b648a6@craig-reynolds>
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="-----_NextPart_000_00C5_01BCA686.F42316A0"

This is a multi-part message in MIME format.

-----_NextPart_000_00C5_01BCA686.F42316A0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Ok fellas,
Sorry To bother you all again....but I am going to ask again if you guys =
could help a young "low budget ham" whos money is tied up in tuition and =
room/board.....I would like to strike a trade with someone for my 2 hw =
rigs...(hw-7, hw-8) for a multi band qrp setup (keyer, accessory's) or =

maybe a really nice monoband 20 meter rig..(mfj) or ohr or norcal....my =
hw rigs need minor work on the recieve but I just dont have the time to =
fix or work on them in being i am leaving in 5 days and need something.
So ...see what you guys can do.....write me and make me an offer ...you =
might be surprised.....thanks again.....Please write ASAP...i am =
running out of days
Luke (ke4yoh)

-----=_NextPart_000_00C5_01BCA686.F42316A0

Content-Type: text/html;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">

<HTML>

<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =

http-equiv=3DContent-Type>

<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>

</HEAD>

<BODY bgColor=3D#ffffff>

<DIV>Ok fellas,</DIV>

<DIV>Sorry To bother you all again....but I am going to =
ask agian=20

if you guys could help a young "low budget ham" whos money is =
tied up=20

in tuition and room/board.....I would like to strike a trade with =

someone for my=20

2 hw rigs...(hw-7, hw-8) for a multi band qrp setup (keyer, accessory's) =
or=20

maybe a really nice monoband 20 meter rig..(mfj) or ohr or norcal....my =
hw rigs=20

need minor work on the recieve but I just dont have the time to fix or =
work on=20

them in being i am leaving in 5 days and need something.</DIV>

<DIV>So ...see what you guys can do.....write me and =
make me an=20

offer ...you might be surprised.....thanks again.....Please write =
ASAP...i am=20

running out of days</DIV>

<DIV>Luke (ke4yoh)</DIV></BODY></HTML>

-----=_NextPart_000_00C5_01BCA686.F42316A0--

Date: Mon, 11 Aug 1997 18:50:33 -0400
From: "CRAIG A REYNOLDS" <KF4AXT@prodigy.net>
To: <qrp-l@Lehigh.EDU>
Message-ID: <01bca6a8\$fa085d60\$d8b648a6@craig-reynolds>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_000A_01BCA687.72F6BD60"

This is a multi-part message in MIME format.

-----=_NextPart_000_000A_01BCA687.72F6BD60
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Ohhh I forgot to add fellas that I have books with all Hw-7 mods and =
Hw-8 mods...and the original books with schematics
Luke

-----=_NextPart_000_000A_01BCA687.72F6BD60
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
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<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV>Ohhh I forgot to add fellas that I =
have books=20
with all Hw-7 mods and Hw-8 mods...and the original books with=20
schematics</DIV>
<DIV>Luke</DIV></BODY></HTML>

-----=_NextPart_000_000A_01BCA687.72F6BD60--

End of QRP-L Digest 1180
